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**METEOROLOGICAL JOURNAL,**

**KEPT BY THE ASSISTANT SECRETARY**

**AT THE APARTMENTS OF THE**

**ROYAL SOCIETY,**

**BY ORDER OF**

**THE PRESIDENT AND COUNCIL.**

# METEOROLOGICAL JOURNAL FOR JANUARY, 1833.

1833. January.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Att: ch. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
♂ 1	30.453	41.2	30.426	42.2	34	34.7	38.0	33.7	42.7	0.088	WSW	{ A.M. Overcast. P.M. Fine—light clouds.
♀ 2	30.082	43.8	30.031	45.2	43	43.7	46.6	34.3	46.6	0.017	SSW	Strong fog.
♂ 3	30.426	45.0	30.492	45.4	42	41.9	43.0	40.5	43.0		NNE	Overcast—light fog.
♀ 4	30.589	42.7	30.517	42.3	35	36.7	36.5	34.7	36.5		N	Overcast—light haze.
h 5	30.386	40.6	30.334	41.5	31	34.4	38.0	30.3	38.0		N	Lightly cloudy—light wind.
○ 6	30.455	40.7	30.485	41.4	28	35.0	35.9	29.9	35.9		W	Fine—lightly overcast.
▷ 7	30.589	38.8	30.592	39.8	31	32.6	37.8	29.3	37.8		WSW	{ Lightly overcast—hazy.—Hoar frost A.M.
♂ 8	30.695	39.8	30.681	40.8	36	36.7	39.0	31.0	39.0		N	Foggy.
♀ 9	30.608	39.8	30.539	39.7	28	34.8	35.8	34.0	35.8		E	Overcast.
♂ 10	30.288	37.2	30.146	37.0	28	28.8	31.7	27.7	31.7		ENE	Fine and cloudless—light haze.
♀ 11	29.928	36.3	29.814	38.7	32	32.2	38.0	27.8	38.0		E	Overcast—hazy.—Hoar frost, A.M.
h 12	29.861	38.2	29.838	40.0	34	34.9	39.5	31.5	39.5		ENE	{ Overcast—hazy.—Rain at night. Hoar frost A.M.
○ 13	29.909	40.7	29.958	42.3	39	39.3	41.6	34.3	41.6	0.047	E	Fog and deposition.—Light wind P.M.
▷ 14	30.229	42.8	30.213	45.5	41	41.8	41.8	38.6	41.8	0.022	E	{ A.M. Fog and deposition. P.M. Light rain and wind.
♂ 15	30.192	41.6	30.138	43.2	38	39.1	40.2	35.6	40.2		E	Overcast.
♀ 16	30.211	42.4	30.180	43.7	34	39.6	41.2	36.8	41.2		NNE	Overcast—light haze.
♂ 17	30.164	42.4	30.079	46.0	37	38.1	42.2	36.4	42.7		NNE	{ A.M. Cloudless—light haze and wind. P.M. Light rain.
♀ 18	30.099	42.4	30.126	43.3	35	37.6	39.7	35.8	39.7		NNE	Overcast—hazy.
h 19	30.268	41.5	30.271	42.2	32	36.3	37.9	35.3	37.9		NNE	Overcast—light haze.
● ○ 20	30.264	41.7	30.313	42.7	36	37.7	36.8	35.6	37.7		ENE	{ A.M. Overcast. P.M. Clear—lightly cloudy.
▷ 21	30.324	38.4	30.297	39.2	30	36.5	35.8	29.7	36.5		E	Fine and cloudless—light haze.
♂ 22	30.398	36.4	30.426	38.2	25	29.8	35.0	27.8	35.0		ESE	Fine and cloudless.
♀ 23	30.564	36.3	30.566	37.8	27	28.9	36.6	27.3	36.6		E	{ A.M. Haze. P.M. Cloudless—light haze.
♂ 24	30.479	36.4	30.416	38.7	33	34.0	36.3	27.9	36.3		NNE	{ A.M. Haze and hoar frost. P.M. Fine and cloudless.
♀ 25	30.237	36.8	30.168	38.2	31	31.7	35.6	29.3	35.6			Overcast—hoar frost.
h 26	30.132	38.7	30.110	40.3	34	34.3	39.7	31.1	39.7		W	Overcast—light haze.
○ 27	30.169	39.6	30.092	42.5	34	34.3	41.2	31.6	41.2		W	{ Clear and cloudless.—Light haze and hoar frost A.M.
▷ 28	29.982	40.7	29.885	43.6	36	38.2	44.2	33.7	44.2		WSW	{ Fine—lightly cloudy.—Light wind and haze A.M.
♂ 29	29.427	43.3	29.263	44.0	40	40.2	41.2	37.6	41.2		E	Overcast—light rain.
♀ 30	29.543	43.4	29.663	43.8	38	39.2	39.3	36.8	39.3	0.037	WSW	{ A.M. Light fog. P.M. Fine light clouds and wind.
♂ 31	29.740	40.8	29.614	41.7	31	33.2	37.0	30.7	37.0		WNW	{ A.M. Light haze and hoar frost. P.M. Snow.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	30.216	40.3	30.183	41.6	34.0	36.0	38.8	32.8	39.0	0.271		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. .... { 9 A.M. 3 P.M. }  
 { 30.191 30.154 }

## OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge..... = 83 feet 2½ in.

— above the mean level of the Sea (presumed about) ..... = 95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House..... = 79 feet.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

# METEOROLOGICAL JOURNAL FOR FEBRUARY, 1833.

1833. February	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in degrees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
♀ 1	29.435	41.9	29.608	42.3	36	37.2	39.2	32.4	44.7		NW var.	Cloudy—light haze.—Rain at night.
h 2	29.971	44.0	28.794	46.7	44	45.3	52.6	34.7	52.6	0.131	SSW	{ A.M. Rain and brisk wind. P.M. Overcast.
⊙ 3	29.041	46.5	29.299	49.4	42	46.3	48.3	41.3	49.0		WSW var	Fine—light clouds and brisk wind.
○ 4	29.679	46.7	29.768	49.8	44	44.0	54.2	41.3	54.2	0.025	WSW	{ A.M. Fog—deposition. P.M. Fine—light clouds.
♂ 5	29.875	51.3	29.913	53.8	51	51.2	55.2	43.5	55.2	0.017	SW	{ Lightly cloudy—light wind—deposition.
♀ 6	30.039	51.9	29.952	54.2	48	48.8	50.7	44.7	51.2		SSW	Fine—cloudy—light wind.
♂ 7	29.823	52.0	29.938	53.8	49	49.4	52.3	46.5	52.3		W	A.M. Overcast. P.M. Cloudless.
♀ 8	29.739	52.6	29.742	55.2	49	50.4	54.3	44.8	54.6		SSW	{ A.M. Fine. P.M. Cloudy.—At night, rain.
h 9	29.660	51.3	29.750	52.5	43	43.1	47.0	42.2	47.0	0.506	SSW	{ A.M. Light rain and fog. P.M. Cloudless.
⊙ 10	29.390	50.4	29.271	52.6	47	47.6	51.8	39.4	52.2		SSW	Rain—brisk wind.
⊙ 11	29.420	51.2	29.471	53.3	42	48.2	52.0	46.4	52.3	0.008	SW	Fine—nearly cloudless—light wind.
♂ 12	29.555	50.3	29.645	52.8	44	47.8	50.7	40.7	51.6	0.031	WSW	Fine—cloudy—light wind.
♀ 13	29.353	51.5	29.332	53.2	48	48.2	50.3	45.7	50.6	0.153	W	{ Cloudy—deposition.—At night, strong unsteady wind with rain.
♂ 14	29.286	50.8	29.475	52.4	42	46.2	48.3	44.3	48.7	0.014	WSW	{ Fine—light clouds and wind.—At night, rain.
♀ 15	29.160	48.3	29.338	49.4	36	41.1	43.6	37.3	44.6	0.131	NNW	A.M. Cloudy. P.M. Cloudless.
h 16	29.657	45.3	29.688	47.7	33	36.6	44.2	33.0	44.2		WSW	{ A.M. Overcast—light haze. P.M. Cloudless.
⊙ 17	29.739	44.7	29.617	47.4	33	39.5	44.1	35.6	44.5		WSW	Overcast—light haze.—Light rain P.M.
⊙ 18	29.525	45.8	29.573	48.3	41	41.7	47.5	38.8	47.5	0.028	WSW	{ A.M. Cloudless—light haze. P.M. Lightly cloudy.
♂ 19	29.847	45.3	29.871	48.0	37	40.7	45.6	36.6	46.1		WNW	A.M. Cloudless—haze. P.M. Cloudy.
♀ 20	29.083	48.3	29.080	47.6	40	45.2	44.7	40.2	44.7		SSW var.	{ A.M. Fine—cloudy—strong unsteady wind. P.M. Light rain.
♂ 21	29.760	46.3	29.917	48.0	42	43.2	45.8	39.8	45.8	0.153	N var.	Overcast.—Light rain P.M.
♀ 22	30.031	45.7	29.998	47.2	40	41.3	42.3	39.6	43.6	0.014	E	Cloudy—light haze and wind.
h 23	29.880	43.4	29.798	45.5	35	37.3	42.4	33.0	42.4		NNE	Cloudy—light haze and wind.
⊙ 24	29.521	43.2	29.413	44.6	39	38.9	42.3	35.3	42.3		E	Overcast—fog and deposition.
⊙ 25	29.571	44.6	29.558	47.2	41	41.2	46.0	37.3	46.3		WSW	{ Fine.—A.M. Cloudless. P.M. Light clouds.
♂ 26	29.329	47.0	29.202	49.0	45	47.1	49.2	38.8	49.2	0.011	SSE	{ Cloudy.—Light fog and deposition A.M.
♀ 27	29.097	47.3	29.083	49.3	43	43.5	46.2	41.3	46.2	0.011	ESE	{ Overcast.—Light rain, morning and evening.
♂ 28	29.287	46.3	28.948	47.5	40	41.0	42.3	35.7	43.7	0.008	SE	Overcast.—Light rain P.M.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	29.563	47.6	29.537	49.6	41.9	44.0	47.6	39.6	48.1	1.241		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. .... { 9 A.M. 29.510 3 P.M. 29.478 }

## OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge ..... = 83 feet 2½ in.  
 ————— above the mean level of the Sea (presumed about)..... = 95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House ..... = 79 feet.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

# METEOROLOGICAL JOURNAL FOR MARCH, 1833.

1833. March.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.	
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.					
						9 A.M.	3 P.M.	Lowest.	Highest.				
☾ 1	29.023	46.3	29.162	48.7	38	41.9	47.3	37.3	47.3	0.008	SW	Fine—light clouds and wind.	
h 2	29.730	45.3	29.810	48.3	36	40.2	48.8	35.3	48.8		WSW	Cloudless—haze.	
☉ 3	29.792	49.3	29.742	51.7	44	47.9	52.7	39.7	53.8		S	Fine—light clouds and haze.	
☾ 4	29.705	50.0	29.772	52.7	44	47.8	53.8	45.7	54.2		ESE	Fine—lightly cloudy.	
♂ 5	30.004	48.3	30.037	51.7	38	39.8	51.9	37.8	51.9		SW	A.M. Cloudless. P.M. Hazy.	
○ ♀ 6	30.123	48.7	30.142	49.8	42	43.1	45.4	39.5	45.4		NNW	Lightly cloudy—light wind.	
♂ 7	30.273	46.2	30.309	47.3	37	40.7	43.2	36.5	43.3		NNE	Fine—light clouds and wind.	
♀ 8	30.291	42.8	30.265	43.5	27	36.2	36.9	32.7	37.3		NNE	{ Fine—light clouds and wind.—Light snow at 1 P.M.	
h 9	30.144	39.7	30.041	42.3	33	35.1	39.4	30.2	38.5		NNE	{ A.M. Light snow. P.M. Fine—light clouds.	
☉ 10	29.956	40.3	29.950	42.7	30	37.8	40.4	33.3	40.4		NNEvar.	{ A.M. Overcast. P.M. Fine—light brisk wind.	
☾ 11	30.037	39.4	30.039	41.8	34	35.7	39.8	32.3	39.8	N	Cloudy—light wind.		
♂ 12	30.045	38.8	29.893	41.0	26	35.8	39.3	33.3	39.3	NNE	Cloudy—light wind.		
♀ 13	29.742	39.3	29.590	40.3	25	34.3	37.9	29.4	37.9	ESE	Overcast—light haze.		
♂ 14	29.352	37.7	29.295	40.7	24	31.2	38.2	27.8	38.3	E	Cloudless—light haze and wind.		
♀ 15	29.389	38.6	29.419	42.6	31	37.2	43.2	29.8	43.2	E	Fine—light clouds and wind.		
h 16	29.495	42.7	29.451	46.5	41	42.5	46.7	36.5	47.3	E	{ Light wind.—A.M. Cloudy. P.M. Cloudless.		
☉ 17	29.547	43.2	29.566	43.7	36	40.1	39.6	38.7	39.6	ENE	{ A.M. Overcast—light fog and wind. P.M. Rain.		
☾ 18	29.687	42.4	29.752	43.7	40	40.3	40.5	37.2	40.7	0.167	N	A.M. Rain, early. P.M. Overcast.	
♂ 19	29.965	41.9	29.980	45.3	35	38.8	44.2	35.2	44.2	0.019	N	Overcast.	
♀ 20	30.125	41.3	30.029	44.6	32	36.5	43.5	29.8	43.5	NNW	{ A.M. Overcast—light wind and haze. P.M. Fine—light clouds.		
☉ ♀ 21	29.877	42.3	29.837	44.7	35	38.8	39.4	32.6	42.3		W	A.M. Overcast. P.M. Cloudless.	
♀ 22	29.908	41.3	29.899	44.2	28	36.8	40.7	33.4	40.7		N	Overcast.—Snow at 3½ P.M.	
h 23	29.914	39.5	29.896	42.4	33	33.0	40.0	28.4	40.0	0.008	N	A.M. Snow early. P.M. Cloudy.	
☉ 24	29.934	38.9	29.903	43.3	31	35.8	42.0	30.1	42.0	0.058	N	{ Overcast—light haze.—Evening, light rain and snow.	
☾ 25	29.830	41.4	29.780	43.4	38	38.8	42.7	34.8	42.7		NNE	{ A.M. Fine—light clouds and haze. P.M. Overcast.	
♂ 26	29.850	42.3	29.905	45.3	33	38.4	43.2	3.8	43.2		0.319	S	A.M. Snow early. Fine. P.M. Overcast.
♀ 27	30.076	42.8	30.039	44.6	37	40.4	42.0	34.4	42.0	ESE		A.M. Fine. P.M. Overcast.	
♂ 28	30.011	44.3	29.970	48.0	42	42.2	50.2	35.2	50.7		SSE	Fine—light clouds.	
♀ 29	29.920	45.6	29.792	49.7	36	42.6	50.9	36.5	51.7		SW	Lightly overcast—foggy.	
h 30	29.710	47.6	29.728	51.6	40	43.0	50.4	37.7	59.8	0.008	W	A.M. Cloudless. P.M. Cloudy.	
☉ 31	29.795	47.8	29.703	51.7	38	43.6	52.7	36.9	53.5	WNW	{ A.M. Cloudless—haze. P.M. Fine and clear—light clouds.		
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean		Sum		
	29.847	43.1	29.829	45.7	35.0	39.2	44.1	34.6	44.3		0.587		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. .... { 9 A.M. 29.811      3 P.M. 29.784 }

## OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge..... =83 feet 2½ in.

— above the mean level of the Sea (presumed about) ..... =95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House ..... =79 feet.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

# METEOROLOGICAL JOURNAL FOR APRIL, 1833.

1833. April.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in degrees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
☽ 1	29.130	48.0	28.968	52.2	46	46.1	54.1	41.9	54.5	0.222	E	{ A.M. Haze. P.M. Fine and clear. Evening, showers.
♂ 2	29.033	51.7	29.093	52.2	45	49.8	51.1	45.6	51.1	0.161	SSW	{ A.M. Fog. P.M. Light showers—cloudy.
♀ 3	29.488	52.3	29.594	55.3	50	50.6	57.0	46.4	57.3	0.014	WSW	{ A.M. Light fog. P.M. Fine—light clouds.
☉ 4	29.521	52.4	29.469	56.7	49	49.4	57.0	44.3	57.0		SSE	{ A.M. Light rain. P.M. Fine—light clouds.
♀ 5	29.817	54.8	29.917	57.3	42	49.6	55.4	44.3	55.6	0.033	W	{ Fine and clear—light clouds.—Rain at night.
h 6	30.002	54.4	29.942	56.3	39	48.0	55.0	44.1	55.4	0.103	W	{ Fine—lightly cloudy.
☉ 7	29.857	50.3	29.827	54.3	42	43.3	53.6	38.3	53.8	0.014	NNE	{ A.M. Overcast—haze. P.M. Fine and clear—light clouds.
☽ 8	29.965	51.1	29.994	54.8	43	47.8	54.7	40.2	55.2		NNE	{ Fine and cloudless.—A.M. Light haze. P.M. Clear—light wind.
♂ 9	30.108	51.7	30.027	55.3	43	47.7	52.2	39.3	55.1		WSW	{ Overcast—light haze.—Light rain P.M.
♀ 10	29.857	53.7	29.701	56.4	47	52.8	55.4	45.4	57.3	0.007	WSW	{ Fine—lightly cloudy.—Showery—light brisk wind P.M.
☽ 11	29.409	53.5	29.315	54.4	41	48.7	51.4	40.8	52.0	0.153	WSW	{ A.M. Lowering. Noon, hail-storm with thunder. P.M. Clear—cloudy.
♀ 12	29.346	51.9	29.453	53.5	39	46.8	48.8	37.4	51.0	0.133	SW	{ Lightly cloudy—light unsteady wind. Light showers A.M.
h 13	29.747	51.2	29.687	53.0	36	46.1	51.2	40.3	52.3	0.047	NNE	{ Fine—light clouds.—Rain at midnight.
☉ 14	29.425	50.7	29.463	52.8	38	44.3	49.2	40.6	50.4	0.044	NNW	{ A.M. Cloudy. P.M. Fine and clear—light brisk wind.—Hail at 3¼ P.M.
☽ 15	29.526	49.7	29.345	51.3	39	46.9	42.6	35.4	50.3	0.111	SSW	{ A.M. Fine. P.M. Heavy showers.
♂ 16	29.404	47.6	29.467	50.6	36	44.2	46.9	34.0	48.6	0.294	NNE	{ Lightly cloudy—light unsteady wind. Showers.
♀ 17	29.584	46.8	29.566	49.4	37	42.8	44.3	34.7	48.6		NNW	{ A.M. Lightly cloudy. P.M. Lowering—light wind—showery.
☽ 18	29.661	46.3	29.720	49.4	37	42.2	49.0	38.3	49.0	0.039	NNE	{ Overcast.—Deposition A.M.
♀ 19	29.978	49.3	30.011	51.3	36	45.2	51.6	36.6	54.3	0.019	SW	{ A.M. Fine and cloudless. P.M. Lightly cloudy. Evening clear.
☉ 20	30.086	49.4	30.089	53.4	44	48.0	54.8	40.8	55.8	0.019	W	{ A.M. Light fog—deposition. P.M. Fine and clear.
☉ 21	30.196	51.7	30.187	53.4	40	49.3	53.9	41.3	55.2	0.012	E	{ A.M. Cloudless. P.M. Overcast.
☽ 22	30.219	51.8	30.196	54.3	42	50.8	58.0	40.7	59.3		W	{ Overcast.
♂ 23	30.204	52.9	30.162	55.3	44	50.3	58.4	44.7	58.4		N	{ Overcast—light haze.
♀ 24	30.023	54.6	30.025	57.0	46	52.8	54.2	49.8	56.2	0.008	E	{ Overcast.—Showers.
☽ 25	30.231	53.3	30.249	54.3	45	49.8	50.2	46.4	50.4	0.014	NE	{ Overcast.
♀ 26	30.265	54.4	30.208	58.3	44	50.0	61.2	40.2	61.4	0.014	WSW	{ A.M. Cloudless. P.M. Cloudy.
h 27	30.071	58.2	29.994	60.4	53	54.2	60.4	50.3	62.4		WSW	{ A.M. Light drizzling rain. P.M. Cloudy.
☉ 28	29.764	58.7	29.746	60.4	44	54.6	54.4	50.3	58.3	0.061	WNW	{ A.M. Fine—cloudy. P.M. Showery. Evening clear.
☽ 29	29.630	56.9	29.562	58.4	42	49.2	55.2	40.3	56.5	0.017	W	{ Fine and clear.
♂ 30	29.655	56.5	29.645	58.7	39	49.6	56.4	38.7	59.6		W	{ Fine and clear.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	29.773	52.2	29.754	54.7	42.3	48.4	53.3	41.7	54.7	1.539		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. .... { 9 A.M. 3 P.M. }  
 { 29.709 29.682 }

## OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge ..... = 83 feet 2½ in.

..... above the mean level of the Sea (presumed about)..... = 95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House ..... = 79 feet.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

# METEOROLOGICAL JOURNAL FOR MAY, 1833.

1833. May.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de-grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
☿ 1	29.703	59.3	29.628	60.2	44	53.3	54.3	43.4	57.7	0.011	SSE	{ Cloudy.—Light unsteady wind and light rain at night.
♃ 2	29.529	56.4	29.586	58.0	51	53.2	56.7	50.7	57.8		SSE	Light rain, with light brisk wind.
♀ 3	29.824	58.8	29.857	62.8	54	56.5	65.2	50.7	66.3		S	Fine—cloudy.
○ ½ 4	29.942	64.6	29.966	67.2	59	63.3	74.3	54.8	75.6		SSE	Fine and cloudless—light haze.
☉ 5	30.300	68.7	30.344	68.8	51	62.3	70.4	57.3	70.4		S	Clear and cloudless—light wind.
♃ 6	30.527	65.6	30.509	68.4	49	60.3	65.0	50.3	70.3		E	Fine and cloudless.
♂ 7	30.441	65.6	30.328	67.2	46	60.3	65.3	48.8	68.0		E	Fine and cloudless.
☿ 8	30.109	60.9	30.006	64.9	53	54.0	65.8	51.6	66.7		E	{ A.M. Lightly overcast. P.M. Fine and cloudless.
♃ 9	29.851	66.2	29.808	68.7	57	66.2	72.2	52.3	73.4		E	{ Fine.—A.M. Cloudless. P.M. Light clouds and wind.
♀ 10	29.971	64.3	30.006	67.0	55	58.0	65.6	50.8	66.4		SSW	{ A.M. Lightly cloudy. P.M. Nearly cloudless.
½ 11	30.105	62.7	30.095	65.5	52	57.8	66.2	52.2	66.5		NW	Lightly overcast.
☉ 12	30.113	68.9	30.029	69.6	56	65.8	73.8	53.8	75.7		SSE	Fine and clear—light clouds.
♃ 13	30.071	71.3	30.103	70.8	54	67.2	72.4	57.0	73.7		W	Fine—lightly cloudy.
♂ 14	30.246	68.8	30.176	70.3	54	64.2	72.8	53.5	74.3		WSW	{ Fine.—A.M. Cloudless. P.M. Light clouds.
☿ 15	30.031	72.4	29.950	72.6	55	73.8	79.5	58.4	81.4		E	{ Fine.—A.M. Clear and cloudless. P.M. Light clouds.
♃ 16	29.950	76.8	29.961	75.3	56	74.2	78.6	63.4	80.3		S	Clear and cloudless.
♀ 17	29.874	76.8	29.901	75.7	59	76.6	79.5	61.2	81.0		ESE	{ Clear and cloudless.—Evening, light clouds.
½ 18	30.303	70.3	30.317	73.2	52	60.8	68.3	58.3	69.2		NNE	Lightly cloudy—light wind.
☉ 19	30.274	67.3	30.192	66.6	49	61.7	56.3	52.6	64.3	0.361	E	{ A.M. Fine. P.M. Thunder at 3h. 40m. Evening, rain.
♃ 20	30.145	65.9	30.186	70.0	57	61.1	70.0	54.2	71.1	0.008	SSW	A.M. Cloudy. P.M. Fine.
♂ 21	30.422	69.6	30.393	70.4	56	62.2	72.6	53.3	73.7		WNW	{ A.M. Cloudless.—P.M. Fine—light clouds.
☿ 22	30.433	71.0	30.384	71.1	57	66.2	71.5	54.2	72.8		E	Fine and cloudless—light haze.
♃ 23	30.428	71.3	30.376	71.2	58	65.8	73.2	52.3	73.4		NNE	Fine and cloudless.
♀ 24	30.348	72.3	30.259	72.0	56	67.7	74.8	52.7	75.7		E	Fine and cloudless.
½ 25	30.119	74.7	30.026	74.7	51	70.5	75.4	56.9	80.4		SSW	{ Fine.—A.M. Cloudless. P.M. Lightly cloudy.
☉ 26	30.234	64.6	30.263	67.3	39	55.8	60.4	52.4	61.7		NE var.	Fine—light clouds and wind.
♃ 27	30.344	66.3	30.281	65.8	36	57.2	62.8	47.2	63.4		E	{ Fine.—A.M. Light clouds. P.M. Cloudless.
♂ 28	30.288	69.3	30.192	68.3	47	62.8	71.7	48.3	71.8		WSW	{ Fine and cloudless.—A.M. Light haze. P.M. Clear.
☿ 29	30.194	71.3	30.184	69.3	47	62.8	64.2	50.3	65.4		N	Cloudy.—A.M. Fine. P.M. Fair.
♃ 30	30.301	70.3	30.277	67.9	48	61.3	61.3	50.3	64.7		E	{ Fine.—A.M. Lightly cloudy. P.M. Clear and nearly cloudless.
♀ 31	30.289	69.4	30.234	67.5	45	64.2	68.2	46.3	70.8		E	{ Cloudless.—A.M. Cloudiness. P.M. Clear.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	30.152	67.8	30.123	68.7	51.7	62.8	68.7	52.9	70.4	0.380		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. .... { 9 A.M. 30.044 3 P.M. 30.012 }

## OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge ..... =83 feet 2½ in.

— above the mean level of the Sea (presumed about) ..... =95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House ..... =79 feet.

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The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

# METEOROLOGICAL JOURNAL FOR JUNE, 1833.

1833. June.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.	
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.					
						9 A.M.	3 P.M.	Lowest.	Highest.				
h 1	30.114	70.9	30.021	69.3	50	70.4	74.3	51.7	76.3			SE	{ Cloudless.—A.M. Light cloudiness. P.M. Clear.
○ 2	29.746	67.5	29.656	70.4	46	64.8	70.8	60.5	71.6			W	Overcast.—Rain, evening and night.
⋈ 3	29.537	73.4	29.552	70.6	50	62.7	67.6	53.7	68.2	0.222		SW	Fine and clear—cloudy.
♂ 4	29.624	70.3	29.617	69.9	50	62.5	64.3	49.7	68.8	0.014		S	Fine—lightly cloudy.
♀ 5	29.756	72.8	29.756	70.0	49	63.8	68.7	50.0	71.2			WSW	{ Fine—lightly cloudy.—Light shower P.M.
♂ 6	29.855	72.3	29.833	70.7	50	67.9	70.7	51.8	72.3			S	Fine—light clouds.
♀ 7	30.045	74.0	30.070	72.4	56	67.6	73.5	58.3	74.3			W	Lightly cloudy.
h 8	30.182	71.3	30.218	72.3	57	65.4	70.4	57.8	72.3			WSW	{ A.M. Lowering. P.M. Fine—light clouds and wind.
○ 9	30.347	77.3	30.328	73.5	55	68.7	78.0	54.3	79.3			WNW	Fine and cloudless—light airs.
⋈ 10	30.307	70.6	30.181	73.2	58	65.5	79.5	56.3	80.8			WSW	{ Fine.—A.M. Cloudless—haze. P.M. Light clouds.
♂ 11	29.746	77.8	29.710	73.3	60	68.8	62.8	61.4	70.8			SSW var.	{ Fine and clear—cloudy—violent high wind.
♀ 12	29.778	68.7	29.800	69.8	49	60.3	61.2	52.3	63.6			W var.	Cloudy—light unsteady wind.
♂ 13	29.641	64.4	29.497	66.2	53	56.7	59.8	51.7	62.3	0.042		S	Overcast—light rain and wind.
♀ 14	29.431	70.6	29.513	67.4	51	60.9	60.8	50.3	66.0	0.056		WNW	Lightly overcast and cloudy.
h 15	29.891	65.5	29.909	66.0	44	59.2	61.7	46.6	67.7	0.014		E	{ A.M. Cloudless—faint haze. P.M. Cloudy.
○ 16	29.687	63.3	29.742	67.8	59	59.4	69.9	56.3	70.0	0.208		SSE var.	{ A.M. Rain. P.M. Clear—cloudy. Evening, clear—light brisk wind.
⋈ 17	29.884	71.3	29.875	69.7	51	65.6	67.2	54.6	69.3	0.056		SSW	Fine—lightly cloudy.—Evening, rain.
♂ 18	30.122	73.3	30.130	69.9	54	66.8	70.0	52.8	70.7	0.244		SSW	Fine and clear—cloudy.
♀ 19	30.087	68.8	30.027	70.2	53	65.3	66.7	56.7	70.8	0.011		SSW	{ Lightly overcast and cloudy.—Light rain P.M.
♂ 20	29.950	67.7	29.920	70.3	57	61.7	69.9	59.4	71.2	0.031		WSW	A.M. Lightly cloudy. P.M. Fine.
♀ 21	30.059	73.7	29.998	71.9	58	66.8	73.3	52.8	74.0			SSW	Fine and clear—light clouds and wind.
h 22	30.013	76.8	29.978	72.7	50	66.7	67.8	58.3	70.4			W	{ Fine and clear—cloudy.—Rain, even- ing and night.
○ 23	29.606	68.0	29.544	70.3	53	60.8	61.8	54.3	66.7	0.514		SSW	Lightly cloudy—shower about noon.
⋈ 24	29.671	71.7	29.707	68.4	48	61.3	61.8	50.8	67.2	0.083		WSW	{ A.M. Fine. P.M. Dark and lowering. Thunder and heavy rain at 1¼ P.M.
♂ 25	29.945	73.3	29.920	69.8	50	64.1	66.8	48.3	69.3	0.269		SSW	Fine and clear—light clouds.
♀ 26	29.804	63.3	29.698	68.8	53	58.7	68.2	52.2	69.8	0.006		NNE	{ A.M. Cloudy. P.M. Fine.—At 5 P.M. dark and lowering, with light rain.
♂ 27	29.737	67.2	29.893	67.8	53	61.7	64.7	55.8	66.8	0.078		SSW	{ Cloudy—brisk wind—frequent light showers P.M.
♀ 28	29.867	68.3	29.759	70.0	55	66.7	73.7	56.4	75.2	0.050		SSE	{ Fine and lightly cloudy.—Evening clear.
h 29	29.816	72.7	29.833	71.2	58	68.2	70.3	61.3	71.6	0.011		SSE	{ Fine and clear—cloudy—light brisk wind.
○ 30	29.954	75.2	29.936	71.9	54	67.6	69.1	57.5	70.3			SSW	{ Fine and clear—cloudy—light brisk wind.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum			
	29.873	70.7	29.854	70.2	52.8	64.2	68.2	54.5	70.6	1.909			

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. .... { 9 A.M. 3 P.M. }  
 { 29.754 29.737 }

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